AUG'92

W6NWG W6NWG W6NWG W6NWG

Scope

W6NWG

Palomar Amateur Radio Club Inc.

Post Office Box 73, Vista, California 92085-0073

NOW IS THE TIME TO TAKE ACTION!

DON'T MOPE HERE IS YOUR SCOPE

##########################
A U G U S T * 1992 ** 56 YRS
######### Volume XVIII NO. 8
##########################

August 5th meeting, 1st Wed Coffee 7pm and Mtg. @ 7:30pm Carlsbad Safety Ctr, Palomar Airport road to Camino Real, East on Faraday 1/4mi, left to C.S. Ctr., T.B. pg 14,F6. Talk in 146.730 / 147.130

##########################

PARC Frequencies used:

145.050s Pkt NET ROM NODE
W6NWG-1, PARC, WI6B-RonW
146.175+,PL,Patch, Fallbrook
**WA6IPD, .. Art Rideout
146.520s, National Simplex
146.535s,Palomar ARC Simplex
146.730-, Patch(PL), P. Mt.
*W6NWG,PARC, WI6B-Ron W.
147.130+, PL, Patch, P. Mt.
*KA6UAI, Eric Thompson
224.900-, PL, Palomar Mt.
WD6HFR, 220 Club of S.D.
METROLINK Pkt9600 baud Relay
W6NWG-2, PARC, WI6B-RonW
446.000s, National Simplex
446.400-, Black Mt. link to
147.13 KA6UAI Eric T.
446.500s,Palomar ARC Simplex
449.425-,PL, Patch, P. Mt.
*W6NWG,PARC, WI6B, Ron W
107.2 Hz used for all PL's
*= patches thru P.Mt.Rptrs.
Covering 2,000sq.mi.SDCo
** = patch, local VSTA/FBRK
Load your memories with the PARC frequencies listed.

AUTOPATCH OUTLET CENTERS:

WB6FMT-Jerry, P.Mt-> VSTA
WV6Z-Del, P.Mt-> MMSA
N6IZW-Kerry, P.Mt-> LMSA
WA6IPD-Art,Fallbrook>FBRK

C A L E N D A R

Aug 1 START NEW CLUB YEAR
??HAS UR MEMBERSHIP ENDED??
Aug 1 Sat Santee Swap Meet
Aug 5 Wed Club Mtg.CARLSBAD
Aug 8 Sat PARC VE. Carlsbad
Aug13 Thu Exec Mtg.@ WA6YOO
==========
Aug16 Sun PICNIC Dixon Lake
==========
Aug 14-16 MIRAMAR AIR SHOW
(need 65 ops per day)
Aug21 Thu SCOPE -> Deadline
Aug 20-23 ARRL NAT.CONV. LA
Sep 9 Wed Club Mtg.CARLSBAD
NOTE** THIS IS 2ND WEDNESDAY

NEXT CLUB MEETING

Art McBride-KC6UQH, VP and program chairman, has announced that the next club meeting will again be at the Carlsbad Safety Center. The program will be Fried Heyn, WA6WZO (talk and video), our ARRL South West Division Director, and by John Klien speaking on ARES and RACES.

John-N6URW, Ron-KM6MW, and Phil-KC6TYT of RACES will hold an open house at 7pm for the RACES/ARES station across the hall from the meeting room. Be sure to check out the station since you might be requested to help man the station during emergencies.

The Carlsbad Safety Center (CSC) as a meeting place has the advantage of holding over 150 people with good facilities while 90-100 is about the limit for the Lincoln Middle School (LMS). At present it seems as though we draw larger crowds at CSC compared to LMS but that could be due to the programs selected. Smoking is allowed outside the CSC but is not allowed anyplace on LMS grounds.

PLEASE NOTE THAT THE SEPTEMBER MEETING WILL BE HELD SEPTEMBER 9th, THE SECOND WEDNESDAY IN THE CARLSBAD SAFETY CENTER due to a conflict and need of projection facilities (program: Space Shuttle).

SHOW and TELL will feature whatever you bring in (promises, promises, promises: 2m 35w amplifier, 2m 160w amp, 2m-70cm dual band amp.

LAST CLUB MEETING

The June 1st program was an excellent program by WB4RVA, Ed Tiedemann, who spoke on Qualcom's entry into the mobile telephone market and a description of its operation. Qualcom has a large number of hams who work for the company. During the last two Field Days we have used one of their mobile test trucks for the Satellite station.

Attendance was 108 with 96 members and 12 guests.

Art-KB6YHZ, Larry-AB6LY (KC6PEN) and Kay, again supervised the drink and goodie table. Members bringing in goodies were WB6R-Duane, AB6LY-Larry and Keko, WA6YOO-Harry, N6ISC-Paul, KC6KCQ-Mike with help from Barbara-KD6ECD, and KA1VFF-Mike.

PRESIDENTIAL QRM

Remember the Swan Radio swap meets at Oceanside many years ago? Well, Joe Crowder, who is the licensee for the Santee, Escondido, and Oceanside swapmeets is going to start an Amateur Radio-Computer-Electronics

swapmeet section at Oceanside beginning the second Saturday of October (that is October 10th) and the Palomar Amateur Radio Club has been invited to act as host. Start cleaning out your shacks and plan to attend. We'll plan to offer something like radio checks, ham information, etc. plus talk in on 146.73. See you there!

Elsewhere in this newsletter you will find information about seating at the Miramar Air Show on Friday, August 14 for various organizations, PARC being one of them. Here is an opportunity for you to see the show withou fighting the Saturday and Sunday crowds. I will have windshield stickers available at the August meeting. Send for you seating tickets early.

Finally, Field Day was a blast (or a shake) depending on your point of view. Dennis, N6KI, and Bill, KB6MCU, our co-chairpersons worked their tails off as did all those who helped set up, operate, log, cook food, take down, film, video record or whatever. Thanks to all who participated. With the two earthquakes that hit at roughly 5 and 8 AM on Sunday (giving all the folds on the hill a wake up call), it was obvious tht the basic purpose of Field Day is to practice emergency communications with the contest aspect being secondary. Many of our contacts across the country asked about the quake and had there been health and welfare traffic, we would have been in a position to handle it. According to the bean counters we had a fairly decent score and a very good chance to place number one again in the 5A category. Yea Dennis and Bill!

73,

Harry

BOARD of DIRECTORS
formerly Executive Committee

PRESENT at board meeting -
Pres : Harry Hodges, WA6YOO
VP : Art Mc Bride, KC6UQH
Sec : Nash Williams, W6HCD
Treas: Benton Caldwell,KK6LX
RTech: John Kuivinen, WB6IQS
SCOPE: Stan Rohrer, W9FQN
- also present -
MbrShp: Ralph Powell, KC6WAN
Field Day: . Dennis N6KI
. Bill WB6MCU

KEEP YOUR SCOPE FOR THE LATEST DOPE

Club members are invited to attend these meetings to observe the Board of directors in action ..or non-action. Started 7pm and ended 10:15pm.

DISCUSSED: Field Day problems, suggestions, net cost of $178, and score; finance, $6,573 balance, est shortfall of $253 next yr; programs & Carlsbad Safety Center for rest of the year, member preference of meetings, mtg clean up; insurance (again) report by KK6LX; 594 members; repeater alarms; moving ROR link; picnic & program; repeater testing; KB6MCU donation of 6/10m beams.

APPROVED: WB6IQS and W9FQN as board members until January election;

NEWSLETTER HELPERS

for July 1992 SCOPE
W6TFB, Lloyd Hunt, folding
KC6WAN,Ralph Powell,printing of labels, giant computer
WA6YOO,Harry Hodges, staples
N6TCB, Jerry Carter, sorting
N6QJE, Eleanore Call,marking
KB6NMK, Jo Ashley,ads,labels
OM, Norm Ashley, folding
W6OLQ, John Tentor, billing
KI6JM, Jack Hanthorn,folding
QTH and refreshments
W9FQN, Stan Rohrer, Editor, SCOPE printing, P.O.Forms

RECOGNITION

Bill-KB6MCU for the donation of a 6m beam and a 10m beam to be used during Field Days and emergency work.

TNX TO KC6WAN FOR THE SCOPE STICKER REMINDERS!

- EDITOR -

Your editor, among other things, keeps attendance records of meetings, events, work parties, etc. The published roster with participation tickets is a "first of its kind" since the board increased the scope (no pun) of the ability to earn participation tickets. I apologize if I errored in one or more of the 1,500+ signatures which sometimes required knowledge of ancient Egyptian hieroglypic writing. The SCOPE was used to resurrect data not available from other sources and we know that some things done by members for the club have gone unrewarded. Next year should be more accurate ..but remember, it only takes one ticket to win at the picnic.

I find that I am not aware of all of the good things, funny things, or interesting things going on in the club or on our repeaters. I certainly could use some "eyes and ears" sending in some reports to me. If you have anything you think might be of interest to SCOPE readers, please contact me. We could use some associate reporters.

As mentioned in last month's SCOPE, the cost of publication of our newsletter is above the old $3 limit set by the board years ago and the new rate (for the present) is $4 for SCOPE subscribers only who are OUTSIDE of SDCo where the postage is much higher. Advertisers in the SCOPE help keep the actual cost of publication lower for those in SDCo.

We would hope that you would avail yourselves of the services offered by these advertisers and mention that you saw their ad in the Palomar Amateur Radio Club newsletter, the SCOPE.

HAM RADIO OUTLET: one of the oldest advertisers in the SCOPE. They have consistantly supported the club newsletter with advertising and helped with club prizes for the club picnic in August. Remember, it might be possible (continued pg. 7)

Your organization is cordially invited to attend the NAS Miramar Invitation Only Air Show, Friday, August 14, 1992. Gates open at 9:00 a.m., the Air Show begins at 10:00 a.m. and ends approximately 4:00 p.m. The Invitation Only Air Show is only open to active duty military personnel and non-profit community groups and is an excellent opportunity to see a world class air show without the large crowds expected on Saturday and Sunday.

•C-130 "HERCULES", BLUE ANGELS "FAT ALBERT", Jet Assisted Take Off Demo
•Wayne Handley, Raven (Precision Aerobatics)
•Jim Franklin and Lee Oman, Waco Solo and Wingwalk
•Julie Clark, T-34 Unlimited Solo Aerobatics
•Food and Souvenir Concessions (Daredevil Stunts)
•Aviation Expo and Consumer Faire
(First Public Performance)
•AV-8B "HARRIER", Vertical Take Off/Landing Demo
•AH-64 "APACHE" Helicopter Demo
•F-14 "TOMCAT", Bombing and Strafing Demo

INVITATION ONLY SHOW - FRIDAY, AUGUST 14, 1992
SEATING OPPORTUNITIES

Though admission onto the flightline is free*
Special seating is available at discounted prices.

FLIGHT DECK CHALET

NEW FOR 92

A large shade tent right on the flightline. Includes a picnic style box lunch and two Pepsi drink tickets. Water and munchies available all day. Cash bar (beer, wine and soft drinks). Flightline parking if you arrive before 10 a.m. Separate restroom facilities. Limited capacity for greater comfort. Patio and theatre style seating.

$20.00 per person
(Regularly $25.00)

FRONT AND CENTER FLIGHTLINE BOX SEATING

Located on the center line with an unmatched view of the show. Escape the crowds and treat yourself to your own reserved seat. Flightline parking if you arrive before 10 a.m.

$6.00 per seat or $50.00 for box of 10 seats
(Regularly $12.00 each)

GRANDSTAND SEATING

Just behind the box seating area, this general admission seating puts you and your family in the center of the Air Show action.

$3.00 each or $50.00 for group of 20 seats
(Regularly $6.00 each)

•The Blue Angels, Navy Flight Demonstration Squadron
•F-14D "TOMCAT", Navy's Front Line Fighter Jet
•World Famous TOPGUN F-14 "TOMCAT"/A-4 "SKYHAWK", Flight Demonstration

*All active duty, reserve, retired and dependent military, DOD employees, government agencies, community groups, disabled and participants in the August 1st 10K Run/Bike Race and August 8th Blue Angels Golf Classic are invited to attend the invitation only Air Show, Friday, August 14th. To see if your group is eligible to participate call 537-6553.

To order tickets, fill out attached order form, with proof of eligibility to attend the invitation only show (community group/government agency letterhead, 10K/Bike Race Air Show invitation, rate, rank, duty station, etc.) and return to:

Air Show Seating Coordinator
MWR Department
Code 210, Bldg. 471
NAS Miramar
San Diego, CA 92145-5000

Payment must accompany your order. Make checks payable to: MWR Fund, NAS Miramar. Mail orders must be received by August 1, 1992.

NAS MIRAMAR AIR SHOW

Proceeds from the 1992 Air Show benefit NAS Miramar's Morale, Welfare and Recreation Department, a non-profit organization which provides vitally needed recreational activities and other types of quality of life support services for our military personnel and their families.

No pets, coolers, bicycles, skateboards, glass or barbecues on the flightline.

For more ticket information call 537-4126 or 537-4820

Admission to the Air Show is free, however, discounted flightline seating is available to you for the August 14th show. Reserved box seats are only $6.00 each or a box of ten (10) for $50.00. Grandstand seats are only $3.00 each or a group of twenty (20) seats for $50.00. These tickets are offered to your organization at a 50% discount off the Saturday and Sunday prices. The Flightdeck Chalet is an added feature this year. This is a Chalet on the flightline and is open to individuals. The chalet includes a shade tent, patio and theatre style seating, a box lunch and two (2) Pepsi drink tickets. The cost is only $20.00 per person, a 20% discount off Saturday and Sunday prices. For more ticket information or additional invitations please call 537-4820. For general Air Show information please call 537-NAVY.

Name: _____ Phone: _____

Address: _____

City/State/Zip: _____

☐ Active duty/Retired/Dependent/Military ☐ Community Group ☐ Government Agency ☐ DOD employee ☐ Disabled

NAME OF GROUP OR AGENCY _____

Item	Unit Price	Quantity	Total
Flightdeck Chalet	$20.00 - Fri		
Box Seats (single seats)	$6.00 - Fri		
Box Seats (box of 10 seats)	$50.00 - Fri		
Grandstand seating (single seats)	$3.00 - Fri		
Grandstand seating (group of 20 seats)	$50.00 - Fri		
	TOTAL AMOUNT		

Palomar Amateur Radio Club Enlistment / Re-enlistment Application

AMATEUR CALL	CLASS OF LICENCE N T T+ G A E
ARRL MEMBER Yes No	DATE FIRST LICENCED
LAST NAME	OLD CALLS
FIRST NAME	DATE OF BIRTH
STREET ADDRESS	RACES Yes No
	ARES Yes No
CITY & STATE	RED FLAG Yes No
ZIP CODE	BLOOD DONOR BLOOD TYPE
HOME PHONE #	WORK OR OTHER PHONE #
THOS. BROS. MAP LOCATION.	INTERESTS
LICENCE EXPIRES	PARC FAMILY MEMBERS

Mail this form with your check to PARC, P.O. Box 73, Vista, Ca 92085-0073 or hand to Ralph, KC6WAN at club meetings.We prefer checks to cash, it's safer and you have a record.

Dues (including Scope) are $12 a year plus $9 for each additional family member at the same address.

Dues are prorated for NEW members: Aug, Sept, Oct, $12; Nov $9, Dec $8, Jan $7, Feb $6, Mar $5, April $4, May $3, June $2, July $1. Family members 75% of full price. Consider paying for two or three years at a time to reduce the work for the membership chairman.

Call, name and complete address are required. Telephone number is requested but may be unlisted in roster if preferred. Other information may be omitted if you feel uncomfortable providing it to the club.

Comments: _____

Join!

You can still sign up

HAM RADIO OUTLET

"LARGEST HAM OUTLET IN THE WORLD"
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HRO

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HUSTLER
rfconcepts
DIAMOND ANTENNA
COMET
OUTBACKER
hy-gain
ICOM
BENCHER, INC.
Astron
US TOWER
Tri-Ex
Kantronics
MFJ
AMERITRON
Larsen Antennas
KENWOOD
YAESU
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AEA
TEN-TEC

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NOPE ON BEING WITHOUT YOUR SCOPE

EXEC MTG THUR, AUG 13th, 1930Hr, WA6YOO QTH

Roster with number of participation tickets ==>

KB0AUP 1) N0CPS 1) KB0DBX 1) WD0DLW 2) N0EVV 1) N0LYW 1) N0N0I 3) WB0YCQ 3) WA1CS0 1) KA1VFF 7) KU1Y 1)
W1ZB 1) WA1ZEN 6) WB2A 1) KB2CDY 2) WB2DZH 1) W2MRM 3) AE2U 1) WA3AAJ 1) W3ARU 12) KA3FBX 2) K3FWT 1)
WA3HHC 1) WA3IHV 1) K3PXX 6) KE4EY 1) W4NYU 1) AB4PG 1) WB4YQU 1) KG5FR 1) N5HTC 1) KB5MU 24) N5NLV 1)
KA5Q 1) KD6ACW 1) KD6ACZ 1) KD6ADI 2) KD6ADJ11) WD6AFJ 1) WD6AHW 1) KD6AKT 6) N6AMD 2) KD6ANZ 1) KB6AQS 1)
KD6ASG 3) KD6ASH 1) KC6AST 1) N6AT 1) KD6AWW 3) WI6B 10) N6BA 1) KD6BAR 2) W6BAW 2) KD6BCR 1) KD6BCU15)
WA6BEJ 2) KD6BFN 6) KD6BFR 1) KE6BH 4) KC6BHE 1) W6BHF 1) KC6BIM 1) KC6BJM 7) WB6BJR 1) WD6BKC 1) WH6BLZ 1)
KC6BPU 1) W6BRF 1) W6BVU 1) KK6CA 13) KK6CD 1) WH6CH 5) KD6CHB 1) N6CKQ 3) KH6CN 1) KD6CNH 1) KD6CNI 2)
KD6CNK 3) N6C0U 19) K6CPF 1) KG6CQ 1) WB6CSH 3) K6CV 1) AH6CW 1) KD6CWI 2) KM6DC 2) KD6DCK 2) KK6DD 2)
KM6DH 1) KD6DKB 3) KD6DKI 1) KD6DLF 1) KD6DLG 1) KD6DLN 1) KD6DLW 6) KD6DNE 1) KD6DNW 1) W6DNX 4) WA6D0C11)
KD6DPJ 1) N6DSC 1) KB6DSC 1) KD6DTV 2) N6DUR 1) W6DVZ 7) WA6DYV 1) KD6EBY 8) KD6ECD 2) KD6ECE 2) N6EDK 2)
AA6EE 3) N6ELP 6) N6ELW 5) KD6E0F 1) KB6EP0 3) K6ERW 1) WA6ESG 1) KD6EUP 3) NH6EW 1) W6EYP 12) KD6FEU 1)
KD6FKG 6) KD6FKH 1) KD6FKI 1) KD6FKK 2) KD6FKM 1) KD6FKN 1) KD6FK0 1) N6FMK 3) WB6FMT55) KD6FPL 1) KA6FPS 4)
KD6FQW 1) W6FTV 1) WD6FWE11) KK6FX 2) W6FXL 1) KD6FY 1) N6FYK 1) KC6FZN 2) WD6FZX 1) KD6GDL 1) KM6GE 1)
KD6GEH 1) KD6GFK 1) KC6GFY 2) KC6GGS 5) W6GHD 1) KA6GHE 1) KI6GI 1) N6GJW 1) KB6GKE 3) KD6GMJ 1) KD6GMN 2)
KD6GMS 1) N6GNB 2) N6G0S 1) KD6GP0 1) KA6GRG 3) KC6GVM 1) N6GW 1) N6GWJ 2) WB6GXR 9) WA6GYG 2) KB6GZ 1)
N6GZI 3) K6HAV 4) W6HC 1) W6HCD 20) KA9HDI 1) WB6HFE 5) WD6HFI12) WB6HHV 1) KE6HI 1) W6HLB 1) N6HLY 1)
WB6HMY 6) KD6HPQ 1) KC6HPY 2) WA6HQM 2) WB6HSZ 1) KD6HTC 1) W6HTT 9) KC6HTZ 1) KD6HUH 1) KD6HVN 1) W6HW 1)
KD6HWL 2) WA6HYB 1) WA6HYC 9) K6HZ 1) K6ICG 12) N6ICH 1) N6ICN 1) N6IE 1) K6II 1) KK6IL 5) KI6IM 4)
W6INI 2) N6INN 2) WB6IOV 1) WA6IPD 1) K6IQA 1) WB6IQS46) W6IRM 6) N6ISC 15) AB6IU 11) W6IUG 1) KD6IUQ 1)
KD6IVD 2) KD6IVF 3) WA6IWK 1) W6IZK 1) W6IZS 1) NC6J 1) WR6J 2) KG6JA 1) KD6JAV 1) KD6JKX 1) KI6JM 38)
KD6JPP 1) K6JQE 2) W6JRQ 1) W6JSP 2) WB6JVS 2) WA6JWC 2) WA6JXE 1) KD6JXK 1) KD6JXM 4) KD6JX0 1) KD6JXX 2)
KD6JXY 5) N6JZB 1) N6KC 1) KC6KCQ43) N6KGZ 1) KD6KHS 2) N6KI 32) WA6KIN 1) KI6KM 1) W6KTE 1) N6KVN 1)
N6KV0 1) N6KVY 1) AA6KY 4) WA6KZN 1) NU6L 1) WF6L 2) W6LCT 4) KD6LDE 1) KD6LDI 1) WB6LDK 1) WB6LEH 1)
KD6LEJ 1) KM6LF 2) K6LNJ 1) KC6LRH 1) N6LTV 1) W6LWM 8) KK6LX 21) AB6LY 26) KB6MBL 1) KB6MCU14) WB6MEI 2)
K6MHG 1) W6MK 10) KC6MLM 1) KC6M0A 1) WA6M0S 1) KB6MPZ 1) N6MQV 1) KK6MS 2) WA6MUW 2) W6MVC 1) KM6MW 9)
KB6MWH 1) KC6MWJ 7) KC6MWR 1) N6MYN 1) N6NAU 2) W6NBH 1) WB6NBU10) KC6NEC 1) W6NKB 9) KB6NMK28) KB6NML 2)
WA6NNC 1) N6NNI 8) N6NNP 1) N6NNQ 1) KC6NPH 1) W6NQZ 1) KC6NRB 1) KB6NRL 3) KC6NSA 2) WB6NUV 1) KB6NUY 1)
N6NWR 2) KB6NZA 2) N6NZX 4) NE6O 6) WB6OBH 1) KB6OBT 4) W6ODG 1) W6ODU 3) KC6OEI14) KG6OG 1) KC6OHP 1)
N6OJZ 3) N6OLE 1) W6OLQ 19) KA6OLZ 4) AA6OM 19) KA6OMA 3) W6OML 1) N6OPD 1) N6OPP 3) N6OSR 1) KK6OT 1)
W6OVP 1) KC6OXZ 3) N6OYG 4) W6OYJ 1) KY6P 1) KC6PAR 2) KC6PAS 8) KB6PCF 1) N6PDZ 3) N6PEA 3) N6PGU 1)
WB6PKK 8) KM6PN 1) K6PP 1) KA6PPD 1) KC6PPN 1) N6PQQ 3) N6PRC 1) KC6PRH 4) KC6PRW 1) K6PUN 1) KM6PY 1)
WB6QA 1) KB6QC 3) KC6QBD10) KA6QBH 1) WA6QB0 1) W6QCA 4) N6QDB 4) KA6QFF 1) KB6QH 1) KF6QH 2) KC6QHU10)
N6QJE 18) N6QJ0 4) KC6QJR 1) KC6QJW 1) WB6QLC 1) N6QMI 1) KC6QMR 6) KJ6Q0 1) KC6Q0J10) N6QQF 4) WA6QQQ 2)
KE6QV 3) N6QVW 23) N6QWE 1) WA6QWU 1) KC6QXU15) WB6R 22) N6RA0 5) WB6RBJ 1) N6RBS 1) KC6REV 1) KI6RF 2)
N6RGZ 2) N6RHS 3) KB6RIW 1) KC6RNV 1) N6RPF 1) KC6RPF 1) KC6RQJ 1) KC6RQW12) KC6RSF 1) WB6RTY 1) N6RUV 16)
N6RVA 1) N6RV0 21) N6RWB 1) W6RWV 10) KK6RX 10) KK6RXG 1) KC6RZA 1) KS6S 3) W6SAX 1) KE6SE 5) WB6SEU 2)
KC6SFM 1) N6SHB 1) KD6SIS 1) W6SIW 1) N6SJQ 1) KJ6SK 12) W6SKI 5) WB6SML 1) N6SMW 9) KJ6SN 2) N6STB 1)
WA6SVN 1) N6SWZ 2) WM6T 1) KC6TAN 1) KC6TAY 1) WB6TBA 1) W6TBH 1) WB6TBQ 1) N6TCB 4) W6TDC 12) N6TEP 12)
W6TET 1) W6TFB 20) KI6TG 2) WA6THC 2) WB6THH 3) W6THU 1) WB6TJN 6) N6TJT 14) KH6TL 8) KC6TLW 4) KA6TNI 9)
KC6TPS 1) AA6TR 21) N6TRS 3) KC6TSR 1) N6TUR 3) KK6TV 2) W6TXK 3) KC6TYS 1) KC6TYT 7) KC6TYU 1) KC6TYV 2)
KC6TYX 5) KA6UAI 2) W6UAL 1) KC6UDW 1) KC6UDY 1) KA6UEA 1) WA6UGG 1) KC6UGQ 2) KC6UHH 1) N6UIA 2) N6UIT 1)
K6UL 1) AA6UQ 10) KC6UQA 1) KC6UQG 1) KC6UQH26) KA6URU 3) N6URW 14) WA6UTQ 2) AA6UU 1) N6UUW 1) K6UV 1)
N6UWG 3) N6UWW 14) N6UWX 1) N6UWY 1) KD6UXW 1) N6UZH 6) N6UZN 1) AC6V 1) WQ6V 4) KC6VDW 1) KC6VDX 9)
KC6VEC16) KC6VEE 1) KB6VFZ 1) K6VGP 1) KC6VMR 6) N6VMY 1) KC6VNA 1) AA6V0 1) KC6VVG 1) KC6VVT 4) KE6VX 20)
KG6VX 7) KC6VYD 7) ND6W 1) KC6WAN26) KC6WCW 1) N6WDN 3) N6WEF 2) N6WEG 2) W6WFF 1) KM6WG 5) KC6WGE 1)
WB6WGT 1) N6WLX 19) KC6WMI 2) KC6WNG 2) W6WP0 1) N6WQR 3) KC6WRI 3) KC6WRK 3) AA6WS 1) N6WSW 1) N6WTE 1)
WA6WTZ 2) KC6WYS 2) KD6WZ 1) K6XT 1) N6XXU 1) N6XXV 1) N6YAX 2) KK6YB 6) WA6YCK 1) N6YEI 1) N6YEU 1)
KI6YG 4) K6YGK 3) KB6YHY 6) KB6YHZ19) W6YLA 1) WB6YLT 3) N6YMC 4) N6YMD 16) N6YMH 1) WA6Y0025) KC6Y0W 2)
KC6Y0X18) N6YRS 1) KC6YS010) KC6YSP 2) N6YUG 1) N6YX 2) KD6YY 1) W6YYV 19) KC6YZP 4) N6YZZ 2) NG6Z 1)
WV6Z 4) N6ZHN 1) WA6ZJC 4) N6ZJV 5) KC6ZKI 2) N6ZNE 1) K6Z00 5) N6ZPU 1) KC6ZRA 1) KC6ZRV 7) KC6ZRW 3)
KC6ZRZ 5) N6ZSY 1) N6ZUC 11) KC6ZUW 2) KC6ZVI 8) N7AMR 1) AA7GL 3) W7HKI 1) W7LHC 3) K7NA 1) N7PBQ 1)
N7RDJ 2) NM7V 2) WT7W 1) K7WLX 1) K7WMA 4) N7YM0 5) AH8AD 1) WB8BHE 3) N8NHY 7) NN8P 4) N9AKB 6)
W9A0X 1) WB9C0Y11) W9FQN [redacted]) KA9HDI 1) N9KAB 2) KC9LV 7) WB9MII 1) N9PVF 1) WB9RKN 6) KA9VK0 5) W9WV 1)
ADA-AR 2) CHA-MA 1) CHR-PA 1) CRO-DA 1) GUN-WA 2) HEN-JA 1) HOW-BI 1) HOW-TO 1) LUC-AR 1) NAY-PH 1) REE-CH 2)
RIB-MI11) ROS-CH 1) SWE-CH 1) WRI-KE 1)

There are 598 calls in this roster & member participation is 1461 . Date = July 26th 1992

REGISTERED
U.S. PATENT ATTORNEY

723-0620

Loyal M. Hanson - W9WV
Fallbrook, California

FARMERS INSURANCE GROUP
OF COMPANIES

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Tim Hoy
KI6GI

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No.1 5A Field Day!

If your antenna system looks like this and you want it repaired, replaced or even removed, please call for a free estimate! Radio systems installation, repair and removal, and interferance resolution.

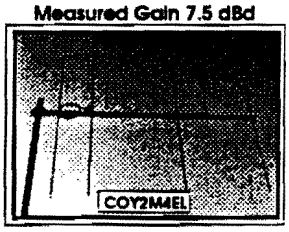
Edward Ross, N6GZI
542-1405

Antenna Specialties

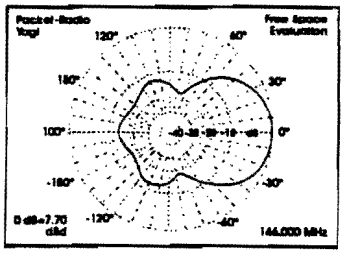
Swiech Communication Systems

Two Meter Yagi Great for Packet Radio or FM

Measured Gain 7.5 dBd



H-Plane beamwidth 60 deg
Bandwidth 144.5-147.5 MHz
SWR < 1.7 at Band Edge
Impedance 50 ohm
Silver Plated Teflon SO-239
Maximum Power 500 Watts
Chemfilm Treatment On Brackets
Balanced Matching System
Two Part RTV Potting
Black Delrin Insulators



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Gene Swiech, WB9COY

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PK-100 Dual Paddle Key $109.95

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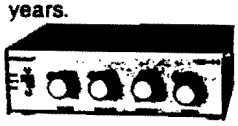
Machined brass by Kent of England. Assembled by Palomar in California. Rotary ball bearings. Smooth, effortless action. The greatest improvement in keys in 20 years.



PK-44 Keyer $119.95

Iambic keying with dot and dash memories. Monitor speaker. Fully adjustable speed, volume, weight, and pitch. Keys any rig old or new.

PK-50 Message Memory Keyer $189.95

New! Easy to learn and easy to use. Four memories. Monitor with variable pitch and volume. Contest serial numbering, pause, etc. *THE* contest keyer. Add $4 shipping. Tax in Calif.

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CA 92082

NU6L

to buy items more cheaply thru the mails but by buying at HRO you can easily return an item for warantee service and discuss your problems with them on a one-to-one basis. You can't really do that thru the mail.

PALOMAR ENGINEERS: another one of the old advertisers in the SCOPE. Jack Althouse, is a local electronics engineer and produces all sorts of goodies at his plant in Escondido. For those of you who have interference problems, Jack carries RFI filter material to help solve your interference problems. In addition he carries all sorts of accessories for your ham station besides those mentioned in his PARC ads. Every few years Jack puts on a program for the club describing his accessories.

LOREEN WILHELMY, CTC: Loreen-N6RAO has just changed over to being an AMERICAN EXPRESS Travel Agency representative and would appreciate your giving her a call about any travel plans you might have inside the USA and foreign travel. She and Ron-WI6B, trustee of W6NWG, also have a ham shack-condo in Hawaii which I understand they rent from time to time. If you need to make travel plans, give Loreen a call.

ANTENNA SPECIALTIES: Ed Ross-N6GZI is one of the old time climbers from the club and taught your Editor how to conduct himself while on the club's 80' tower on Palomar Mountain. Ed puts antennas up and takes them down plus making modifications to antenna systems. He was for years the SANDARC interference chairman servicing many TVI/RFI complaints in the San Diego area. Give Ed a call if you have an antenna or interference problem that needs the professional touch.

CONTES ELECTRIC: Joe Contogenis-NU6L is our local expert electrician who has done wiring at the repeater site for the club charging us only for the materials used. Joe works in his ham wiring jobs with his industrial, commercial, and residential business. If you are re-wiring the ham shack for that 50KW amplifier, Joe can get the "juice" to your station knowing the amateur's needs. Joe also plays a "mean" game of tennis.

FARMERS INSURANCE GROUP: Tim-KI6GI, handles insurance of all types but specializes in auto, fire, life, commercial, and health. Tim is centrally located in La Mesa and would appreciate your call for your insurance needs.

SWIECH COMMUNICATIONS SYSTEMS: Gene-WB9COY, has been making antennas for years and only recently decided to market his creations to the general public. One of his original creations was a 22' yagie for 2m. He now is producing 2m and 70cm yagies which can be bought at HRO or at some of the swap meets that Gene attends. On occasion Gene has been known to make up special antennas for special needs. Be sure to see Gene for all of your UHF and VHF antenna needs.

U.S. PATENT ATTORNEY: Loyal-W9WV is a relatively new advertiser to the SCOPE and specializes in patents. Many of our club members are envolved in businesses which could use Loyal's expertise since most smaller companies cannot afford to have a full time patent attorney on the pay roll. So if your company has the need of a patent attorney, be sure to suggest Loyal's name to them.

LDU De BEER is our latest advertiser and is quite knowledgeable about the repair of test equipment and most modern day transmitters and receivers. Lou has one of the best test benches you have ever seen including a spectrum analyzer. He is available for repair of electronic equipment at your place of work or your amateur radio equipment whether it is ancient tube or modern transistor.

If any of our club members operate a business and would like to advertise in the SCOPE, please contact your editor and Jo-KB6NMK, our professional ad designer, will work with you setting up an ad to meet your needs.

73, Stan, W 9 F Q N
30311 Circle R Ln
Valley Center, CA
92082-4806, Ph 749-0276

REPEATERS, etc.

REPEATER UPDATES: normal except for 146.73 which has an antenna problem making it 6db below 147.13.
METRO LINK: still have path problems to south county.

AUTO PATCHES

VSTA/MMSA/LMSA: normal

New PARC members should request an autopatch information sheet describing the codes used and areas covered for the patches by sending a self addressed stamped evnvelope (SASE) to W9FQN (see Editor) along with your phone number or contact him at the next club meeting. The present access codes (at least until September) for all repeaters and areas served are listed on your address label ...but you will need the info sheet to know how to use those codes.

==========

FIELD DAY 1 9 9 2

==========

(DE Dennis-N6KI) "The familiar phonetics of W6 "Nothing Working Good" were changed to W6 "Nasty Wobbling Ground" when on Sunday, just after 5am, the first of two strong earthquakes hit Southern California. All operators checked for damage then immediately checked all 2m earthquake and disaster nets. Although PARC was poised and ready to handle emergency traffic, the services of one of the largest Field Day operations were not called upon.

PARC did pass along reports of damage to stations all over the U.S. and Canada as many queries were received from other FD stations. After the second major earthquake hit around 8am, PARC operators advised other Field Day participants to "work San Diego, While you can!""

SCOPE CLEANER THAN SOAP

YOU'D GROPE WITHOUT YOUR SCOPE

Member sign-in at FD site:

Friday afternoon work	31
Saturday work/operate	86
Sunday operate/work	50
Total work/operate days	167

This is by far the largest club participation that we have ever had at Field Day and Dennis-N6KI calculated 40 ops/loggers and 33 other participants.

Field Day conditions were really not too good and can usually be gaged by Dennis-N6KI's 20m SSB station since he has been using the same equipment since 1989. Sometimes the totals below do not add up because of Novice, Satellite, etc contacts not listed.

SSB	80	40m	20m	15m	10m	Tot.
92	199	255	658	482	239	
				+17m	405	2625
91	249	522	1060	301	164	2296
90						2678
89	117	136	1356	107	179	1895
88	147	377	898	164	52	1638
87			1215			
86	256	357	1015	71	0	1699
85	279	449	747	77	0	1552
84	234	416	998	204	0	1852
83	52	559	1136	288	51	2086

CW	80m	40m	20m	15m	10m	Total
92	97	373	637	510	0	1743
91	151	608	814	206	0	1779
90						1488
89	28	224	391	270	1	914
88	6	216	368	2	0	592
87						
86	0	264	29	0	0	293
85	65	147	42	15	0	269
84	50	117	0	0	0	167
83	41	34	0	0	0	75

Our other SSB stations probably did much better than usual because they used better antennas than in years past. Carl-N6WLX's station was our No.1 SSB station this year because of good operators and antennas: 4el 10m beam, 17 dipole, and 80 delta loop from a tall palm tree. He also "saved our tails" by jumping up to 17m and running off 405 QSO's ..who said the band was dead?

Your editor (and many others) were greatly impressed by Charlie-W6UQF who turned out to be a one man show using beams on 15/40. Charlie knows CW like he was born speaking it. Watching him operate was an experience and his 883 raw contacts for 1,766 points made him the No.1 station for PARC. He remembers as a kid operating on his first FD with Boots Olson (SK) of PARC. They were using a Collins transceiver and Boots said, "kid, its all yours now" and let him operate the rest of the night. From that time on, Charlie became an avid CW operator. We hope that Charlie will be back with us next year and share with the rest of the budding PARC CW operators his knowledge of CW contesting.

Our second CW station made 737 raw contacts or 1,474 points.

It should be noted that in 1991 our CW team made 1,779 CW contacts and this year with almost all PARC CW ops we made 1,743 CW contacts with poorer band conditions. We DO HAVE CW ops!

The Chief Ops are in capitals and the operators follow. If we missed any operators or loggers (computor operators), we apologize and hope you will let us know where we missed you so that we will know who has experience in each operating position for next year.

Raw contacts are listed but the CW contacts are worth 2 points each so you can see that CW really pulls in the points.

#1 20SSB, DENNIS-N6KI, WVOM, N6RUV, WB6IQS, N6SUN, & KI6IM.

#2 15/40SSB, BRIAN-KF6BL, KF6B, N6WDN, KC6GGS, KC6VYD, KA1VFF & KB5MU.

#3 10/75SSB, KARL-N6WLX, KC6VEC, AA6KY, KC6TLW, K7WMA, N6UZH, N6UWW, & KA1VFF.

#4 10/20/80CW, GENE-WB9COY, WR6J, AA6TR, AB6LY, & WB6NBU.

#5 15/40CW, CHARLIE-W6UQF, WB6NBU, NE6O, N8NHY, WB9COY, & KB5MU.

NOV/TECH 10/40/80CW, 220, JOE-N6YMD, KD6ADJ, KC6QXU, KC6YOX, KC6JXY, KC6JXM, KC6QHU, WD6FWE, KB6NMK, KD6KDB, KC6RQW, & N6UWW.

Satellite, PAUL-KB5MU, & ROY-WB9RKN.

Packet, Marvin-WB6PKK & N6UWW.

SETUP ONLY: KB6MCU, W9FQN, N6QVW, KG6VX, N6ISC, N6URW, AB6IU, KC6VYD, K7WMA, WB6R, KI6JM, KK6LX, KC6WAN, KC9LV, KD6AWW, KD6IVF, & Ralph Vernacchia (no call yet).

Special mention should be made of Orlando-N6QVW who did most of the metal work needed and a great big THANKS to Bill-KB6MCU whose dedication and effort were outstanding. Bill cleaned and tested antennas. He hauled antennas, towers, and other equipment to and from the FD site. Introduced the club to his folding mast which made beam attachement easier and safer and raised the beams an additional 10-15 feet. Next year Bill and crew will be turning most of their jobs that they did this year over to the individual chief operators.

Without our GREAT crew of dedicated workers, our FD operation would not have been so successful. THANKS!

More on FD, past and present, in the September SCOPE.

WAIT TILL NEXT YEAR!

FORESAIL

Items should be sent to arrive by letter or phone at the Editor's QTH, W9FQN, (see Editor) 13 days before the next meeting date with your NAME, CALL, PHONE NUMBER, and CITY. All ads in this section are FREE to club members. Commercial ads are $40/page to $5 for business card size.

(7-10) Gemini 10x dot-matrix printer, Cardco Plus G interface, extra color ribbons $95: Joe N6RVO 433 6885.

(7-9) Like near new Yaesu FL-2100 desk top HF amp 80-10m 572-B tubes $400 or trade for 100MHz dual channel/trace scope: Bob WA6GYG 941-2824 Vista.

(6-17) N6KI has quite a few of AA2AV's HAM CARDS. Sort of the swiss army knife of ham shacks with all sorts of great info. Contact Dennis at the July club meeting.

(7-1) Azden 3000 2m xcvr 5/25w

CAN YOU COPE WITHOUT YOUR SCOPE?

with manuals $75: Charlie KE6QV 433 1258 Ocsd.

(5-19) FB(gud) IBM Selectric II correcting typewriter FB cond $150: Duane AA6EE 789 3674 Ramona.

****

IF U SOLD OR BOUGHT AN ITEM, LET UR ED KNOW SO HE CAN REMOVE THAT PART OF THE AD. PLEASE, ONLY CURRENT ADS!

****

(5-8) ICOM 751A FL52A xcvr, PS15 pwr sup, SP3 spkr, SM8 desk mic, HM12 hand mic, BM10 boom mic-headset $120; R5 vert ant $190; ARX2 ringo ranger ant (all like new / manuals & cartons): Abe KC6UQA 432 8222 Escondido.

Radio and Test Equipment Repair

All Makes
Reasonable Rates

Lou de Beer
ND6W
(619) 437-8351

(4-1) Tecktronics 5454 4chan 50mhz oscilliscope w/chart $100: Ted KC6ZRV 430 4676 Ocsd.

(3-29) Marine xcvr VHF digital freq control, AM-FM-Tape auto radio for boat, trade for HF, VHF, UHF xcvr: Steve W2MRM 451 5690 SD.

(2-11) Bird watt meter slugs various freq and pwr levels each $25: Larry KC6PEN 439-4109 Ocsd.

Lengths of low loss hardline $1/ft; connectors $10ea; fiberglass poles $$: Larry WQ6V 726-0353 Vista.

Tubes for sale ..all kinds ..all sizes ..part of PARC tube yard: Dave WA6HQM 753-2605 Encinitas.

YOU'LL MOPE WITHOUT YOUR SCOPE

WANTED

(7-12) The Flying Samaratian's are looking for a used mimeograph or copy machine which can be used to facilitate their operations in Mexico. Please contact: Nash W6HCD 728 3574 Bonsall.

(7-9) Dual trace dual channel 100MHz dual scope: Bob WA6GYG 941-2824 Vista.

(7-1) old cheap working scanner base unit: Henry WB0YCQ 722-5394 Ocsd.

(6-17) Rusty-AA6OM, our VE chairman, is looking for MOBILE 2m xcvrs - prefers Yaesu: 747 5872H or 746 8141 x 50W.

(6-17) will do repair of radio and test equipment: Lou N06W 437 8351 SD.

(6-12) General coverage receiver from the late 50's for San Diego Maritime Museum and carbon microphone & they do not need to work: Art KC6UQH 741 8143 Escondido.

(4-22) Back copies of The DX Magazine: Duane AA6EE 789 3674 Ramona.

(4-1) To do Spring cleaning for Ham Shack. You don't want that dusty-rusty junk pile & I do! Call & I haul: Ron AA7GL 224 0068.

\#

HIGHWAY ELECTRONICS
All sorts electronic parts, some Frankenstein and some state of the art (1945).Misc goodies ..ALL MUST GO GO GO! Ask for NICK, 10am to 3pm call 967-7225 to see if open
305 WISCONSIN AVE
OCEANSIDE, CA

\#

YOU'D GROPE WITHOUT YOUR SCOPE

MEMBERSHIP

Starting IMMEDIATELY with the new club year beginning August 1st, family memberships covering all amateurs in your family can be had for $21/yr (12x1.75 or $12+9) and for the present, the SCOPE <only> for non-members can be obtained outside of SDCo for $4.

Ralph-KC6WAN would like to have everyone help him by paying your next years dues NOW and to always pay by check. Also consider paying for 2-3 years at a time since $12/yr is only $24 for two years which is still not much money and reduces Ralph's work in half. Please send all address changes to Ralph thru the club's Vista PO Box 73, Vista, CA 92085-0073, Ph 727-7415.

THIS IS YOUR LAST SCOPE IF YOU DID NOT RENEW. YOU WILL NOT RECEIVE A)AN UPDATED SEPT. ROSTER, B)THE SEPTEMBER SCOPE, AND C)PARTICIPATION TICKETS TO BE USED AT THE AUGUST PICNIC WHERE PRIZES ($$$) ARE AWARDED TO THE HOLDERS OF THE "LUCKY" TICKETS. ALSO YOUR PHONE NUMBER WILL BE PLACED ON THE COMPUTER "DROP" LIST FOR AUTOPATCH USE PLUS ANY OTHER NUMBERS OF RECORD USED. Note that the August SCOPE is published at the end of July and is considered your last issue with the club year ending July 31st.

Ralph would like to have you check your label after paying your dues to verify that your dues payment has been properly posted. Errors, if any, are more easily fixed sooner rather than later. Most members receive their SCOPE 5-6 days before the next club meeting.

RENEWED: KB0AUP-Greg, WA1CSO-Silverra, W4NYV-Gates, KG5FR-Louis, N5HTC-Chuck, N5NLV-Charlotte, KD6ACW-Paul(2), KD6AKT-Stark(3), W6BAW-John(2), N6BEA-Barker, KC6BJM-Sanford, WB6BJR-Johnston(2), KD6CNH-Tim(2), AH6CW-Phil, WA6DOC-Salzarnlo, WA6DYV-Jack(2), KB6EPO-Eric, WA6ESG-Castagna, KD6FKM-Lee(2), W6FXL-Al, KD6GEH-Mike(2), W6GHD-Dick(2), KA6GHE-Judy, KB6GKE-Bob, N6GOS-Don, N6GW-Gordon, W6HCD-Nash, W6HLB-Craig, WB6HMY-Joe, N6IGH-Tom, WA6IWK-Herb, WA6JRQ-Huckabay, KD6JXM-Jon, N6KGZ-Pete(2), N6KI-Dennis, W6KTE-Krist, N6KVO-Teach, N6LTV-Hart, KK6LX-Benton, WA6MOS-Pevney, N6MYN-Dick(2), N6NNI-, KC6NPH-Norman, KB6NMK-Ashley KB6NML-Ashley, KB6NVY-Coates, N6NWR-Jack(2), KB6NZA-Burgess, N6NZX-Burgess, W6MK-Kiesner(2), KC6MOA-Richardson, W6ODG-Aubrey, W6OML-

KEEP YOUR SCOPE FOR THE LATEST DOPE

Dick, W6OVP-David, N6OYG-Musil(2), W6OYJ-Ed, K6PP-Horrall, KB6PCF-Parker, N6PDZ-Barker, KC6PPN-Norman, K6PUN-Gordon, KC6REV-Richardson, N6RVO-Joe(2), KA6RXG-Thelma, W6SAX-Parker KC6SFM-Kirk(2), N6SWZ-Bob, W6TBH-Phil, W6TET-Ivan(2), W6THV-Floyd, KC6TYT-Phil, KC6TYU-Steinberg, KC6TYV-Steinberg, KC6UGQ-Frank(2), K6UL-Kwietniewski, KC6UQH-Art, K6UQE-Heid, N6UWW-Utschig, KE6VX-Bob, ND6W-DeBeer, KM6WG- , WB6WGT-Harker(2), N6YUG-George, N6ZHN-Emil(2), K6ZOO-Bernhard, N7AMR-Willett, WB9RKN-Davis(3),

A SPECIAL WELCOME TO NEW MEMBERS: KD6FKO-Jo, N6FYK-Don, KD6GFK-Chris(2), KB6GKE-Bob, KD6IUQ-Jim(2), KD6JXK-Herb, KD6JXM-Jon, KD6JXO-Frank, KD6KHS-Mike, KD6LDI-John, N6LEZ-Tom, KC6MLM-Gary(2), N6MQV-Will, N6OLE-Ivan, KA6QBH-Randy, KC6SIS-Rolando, WA6YCK-Bill, N6YUG-Adam, N7NA-Vince, N9PVF-David,

NEW ASSOCIATES: Bill Howalt(2)

NEW CALL: Larry-KC6PEN to AB6LY.

Membership now stands at 594 (7-10-92).

NEWS: Stan-W9FQN on May 27th gave a talk to about 25 members of the Romona Outback ARC (ROARS) on PARC's repeaters and how repeaters are put together. He was accompanied by Barbara-KA6FPS. A case of a Rohrer talking to ROARS.

Art-KC6TYV writes a radio control column in MODEL BULDER magazine and would be glad to instruct any PARC member in R/C building and flying (726-6636). (PARC has a lot of radio control members & ur Ed is interested in R/C gliders)

New members joining late in the month will be included in next month's SCOPE ..or the next. And if we missed your name but you received a SCOPE with the proper date on the mailing label, consider yourself a member in good standing ...and accept our apology.

- V E T E S T I N G -

FCC LICENSE EXAMS in N. Co. are conducted by the PARC VE Team at the Carlsbad Safety Center in Carlsbad (Camino Real to Faraday, 14F6, follow CSC signs) on the 2nd Sat. of the month at 1000 Hrs. Reservations less than two days in advance and walk-ins are not normally accepted.

FCC 610 forms are available from Jo, KB6NMK, at PARC meetings or from the FCC office in Kearny Mesa, (4542 Ruffner Rd., San Diego) 467-0549.

Requests with your paperwork must be sent to SANDARC, PO Box 2456, La Mesa, CA. 91943, 10 days BEFORE the test date.

JULY TESTING

Gen->Adv: David Dumlao-KC6NSA.

None-Tech+: Alanson Burt.

None-Tech: Stan Campbell, Bob Gullen, Clayton Pruett, and Lorrie York.

Novice-Tech: Bryan Perrin.

Elements passed: Doug Briggs (3B & 4A).

EXAMINING TEAM: AA6UQ-Jack, W6YYV-Sam, KI6JM-Jack, AA6OM-Rusty, KK6IL-John, KB5MU-Paul, and N8NHY-Jim.

****

R E M I N D E R

If your address label under "Membership Expires, PRCyymm" reads PRC9207, then your membership ENDS July 31st, 1992, and you will need to renew NOW. Since club dues are so low, please consider renewing for 2-3 years saving you and Ralph-KC6WAN time and paper work ..and you can forget about the dues for a couple of years. Several club members have renewed past the year 2004! The club was started in 1936 so it is like putting money in a ~~bank~~ coffee can in your back yard till you need it.

PREVIOUS members need only send in their check, call letters, license expiration date if incorrect, and any changes noted on their check. If you are an ARRL member, write "ARRL" on the check.

****

- N E T S -

"On 7-12-92 Ron-K6MZW was on a Cal 240 Sailboat out of San Francisco hat had put in at Oceanside harbor. Ron had been talking to a friend on 146.73 and heard the Sunday Sailor's Net open at 10am. He checked into the net and asked if anyone could help him with information on a Luke propeller that had failed on his boat. Jay Jacobs-N6ZJB, a Marine Architect, responded and drove to Oceanside harbor to consult with Ron's diver and engineered a repair procedure to remove the propeller underwater using a canvas bag to catch all the parts and reassemble the propeller on deck including new grease and bolts and then reinstall the propeller under water. Ron was under way that evening thanks to the Sunday Sailor nNet and Jay's expertise. Note: a Luke propeller uses gears and springs to make it self feathering when not being driven by the ships engine and the hub containing the gears had separated allowing the blades to rotate to a zero pitch position when power was applied. Larry Davis-W6QCA is net control. Check-ins usually include several "consultants" on boating including a Licensed Master, a Marine Architect, a Marine Electronics expert, a former writer for SEA Magazine and many PARC members who own boats. (de Art-KC6UQH)

If you are interested in becoming a part of the 8pm San Diego Co. Traffic Net (SDCTN), remember that you need to request EACH evening net control to add you to THEIR roster. Joe-N6RVO is still looking for stations that can work into the 146.820 repeater to the north of us to handle SCNV traffic.

The Palomar Amateur Radio Club supports the following nets with its repeaters located on Palomar Mountain. We will add additional nets if there is a demand for them by the amateur community. How about a Spanish net to meet once a month?

146.730 NIGHTLY ###########

MON 1915 RACES N.C.Sub-Net

2000 S.Diego Co.Traffic Net
(except 1st Wed. club Mtg
Net managers::N6RVO/N6TJT
Mo-N6WVP,Tu-N6RVO,We-WA1ZEN
Th-W6EYP, F-N6TJT, Sa-N6NZX
Su-N6TEP
MON 2100 Microwave, N6IZW
TUE 2100 Pkt.Voice, KB5MU
WED 2100 Code, W9FQN,N6NZX
KB5MU, KB6NZA
THU 2100 Ham Help, KC6PEN
KK6IL, N6YMD, KC6UQN
KC6KCQ
SUN 0830 Emerg.Serv, W9FQN
KB6NMK, W6HCD,N6NZX,KB6NZA
WB6HFE,N6QQF,WA6UTQ,N6QJE
W6JSP,N6WEG,N6WEF
SUN 1000SAILING,W6QCA,AA6TR
SUN 2100 ARES Plan., WD0DLW
KC6CZO, K7DCG

OTHER NETS ########
MON 1930 RACES on 147.195
NIGHTLY 1:30Z Maritime Net
28.313 So.Cal. Mark-AA6TR
MonTueWed 2000 Rag Chew Net
28.370 Mike-KC6KCQ Pal.Mt
Send updates to ur editor.

GENERAL NEWS

Sherry Hiltz, KC6RQW, is moving to Glendale, AZ, but plans on visiting SDCo from time to time. Sherry did the printing of the club PARC brochure which turned out so nicely ..nice enough that it won a blue ribbon at the Del Mar Fair this year. Tnx Sherry! Hope you make it back to SDCo to live sometime soon.

KC6OEI- greetings, I'm roaring toward Georgia with 2m in car. Wish the movers had not packed my repeater diretory ..hi to N6QJE, N6KI, WB0YCQ, W9FQN, N6ZJV, N6YMD, N6UWW, KC6UQH, AA6TR & WA6YOO, etc, etc ..does KC6GGS have his new call? -de Phil.

Information on the 300 ohm twin-lead J-pole displayed at the June club meeting is as follows:

```
!<----------A------------->!
!  !<--1.25"
o==x=======================
o==x==== ==================
!<--B->!     300ohm twinlead
```

Various dimentions seen:

	W9FQN	???	W6MK	K9LV
A=	16.75	17.75	16.625	16.75
B=	54.50	43.00	55.125	54.00
tap	none	none	1.25	1.25

On the first two you solder the braid (RG-175u small coax) to the short length, center conductor to the long length at point o-o, and cut out 1" starting at the point marked. Suspect the 43" is a typo and should be 53". The W6MK and K9LV models you short o-o, then tap your coax 1.25" up from the short. This gives a better SWR match and less feedline radiation ..but takes more effort ..which I am not sure is worth it for an emergency antenna. I suspect the lengths vary slightly according to the 300 ohm twinlead being used so it is suggested that after completing the antenna that you run an SWR curve to locate its center frequency ..then cut or make a new longer antenna. Susan-N6QDB has been using the W9FQN version for several years to talk to SDCo from the University of Redlands to the north of us and will be using it on packet next year. Tnx to Milt-W6MK and Rick-K9LV for their versions of this handy little J-pole antenna that can be rolled up and put in your pocket ..much better than a "rubber duck."

Jack-KI6JM who re-did the bylaws for the club proposed an amendment to the bylaws in April as follows:

SECTION 6 (c) (5) - Whenever the board decides that a membership is to be terminated, the President shall appoint a Full Member (whose identity shall be known only to the President) to serve as Terminator. The Terminator shall forthwith, and not later than thirty days after his appointment, execute his duty in the manner deemed most final and expeditious. Upon completion of his mission, the Terminator shall promptly report to the President, who shall immediately cause the terminated member to be stricken from the membership rolls. (The proposed amendment will be voted on next April - Ed.)

Frank Forrester, KI6YG, a new member of PARC from Escondido, is the sponsor of the Challenger Junior High School's Amateur Radio Club. Frank also has an after school Technology Club. He and his students have had articals about them in local papers, amateur radio magazines, and WORLDRADIO for July 1992 when they participated in the Shuttle Amateur Radio Experiment (SAREX) in March of this year.

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##########################
#   - P I C N I C -    #
##########################
```

The club picnic will again be held at Dixon Lake on the north edge of Escondido, August 16th, but we will be at a new location nearer the entrance to the park. Take I-15 going north out of Escondido, east on El Norte Parkay, north on La Honda, enter park ($1/car), turn right about 100 feet and the park area is on the left. If you park just outside the park entrance, you can save 1$ per car and just walk to the first park area: Yucca 2, and Poppy 1 and 2. The inside parking lot fills up early ..by 9:30am.

The club will provide "ham", punch, plates, and utensils. You will need to bring additional food according to the first letter of your last name and enough food to feed your family plus 4 more.

A->G, bring a hot dish
H->O, bring a salad
P->Z, bring a desert

If you have problems in bringing your assigned dish, Eleanor-N6QJE who is in charge of the food this year, suggests that you pick another dish or bring chips, ice cream (iced), apples, etc.

Sometimes there are not enough places to sit except on the ground if you arrive late so we suggest that you might want to bring a folding chair along with a folding table and/or a blanket. PARC can reserve the small pavilions but not the tables ..soo you had better get there early to pick "your spot."

Prizes this year will be a surprise but worth your while if you

win.

RULES are about the same as always:

1)tickets must be picked up at the Aug. club meeting or at the picnic by you or by your representative who must submit to PARC your written and signed permission slip to do so.

2)you will receive tickets (MAXIMUM 20) for participation in designated club events: meetings(1-12), work parties, VE testing program, Net controls, Field Day(1-3), contests, last year's picnic, committee heads(1-5), meeting goodies - when we know who brought them, etc.

3)the drawing will be at the club picnic at 1pm.

4)you or your representative must be PRESENT to win by showing a MATCHING ticket stub and the representative must show a written and signed permission to pick up the prize.

5)you are limited to winning only ONE prize even though your ticket is drawn several times.

6)you must be a member in good standing for the year 1992-1993 which begins on August 1st '92 before tickets can be issued to you.

7)AA6TR's CHARMING DAUGHTER WILL NOT DRAW THE TICKETS THIS YEAR! Sorry Mark.

The approximate number of tickets you will receive (max 20) is listed in the un-official roster in this month's SCOPE. The official roster will be run July 31st. If your call is not on the roster contact W9FQN. If you have changed calls, make sure that when you pick up your tickets that you give your present call and then look through the DUMP file for your previous call to get all of your tickets. If you did not PRINT your call neatly on the sign-in sheets, your corrupted call could also be in the DUMP file. (ur editor always has troubles with U, V, C, G, etc. and the mixing of upper and lower case letters and I really don't have time to research all of the possibilities -if someone wants this job, they can have it)

The following amateurs will be guests of PARC: KR6K (traffic net), N6INI (former SCM), and other guests too humerous to mention.

Children are welcome but you will need to watch and entertain them yourselves. There is a playing field for soccer, volleyball, softball, horse shoes, etc. but you will need to bring all of the equipment needed. There are also hiking trails down to the lake.

The program will be-

9:00 Arrive and set up.
9:10 Start xmtr dev check.
9:10 Start mobile swr ck.
9:30 Code speed testing.
10:00 Packet radio demo.
10:15 Autopatch instruction
10:30 Direction Finding instruction, bring 2m HT
11:00 Hidden Xmtr hunting.
12:00 Eat(low cal, low fat)
1:00 President's comments.
1:10 Drawing for prizes.
1:30 PARC BOARD available for questions.
1:30 Free time (or leave).

Amigos, see you at the Pincic!


```
########################## pounds of lion ##########################################
#-#-#-#-#-#-#-#-#-#-#-#-#-#-#-#-#-#-#-#-#-# NON MEMBER:  we thought that   * * * * * * *
# SCOPE,USPS 076530, published monthly by # you might like  to  consider  * 2nd Class *
# the  PALOMAR AMATEUR  RADIO  CLUB,  INC # joining PARC because we have  *  Postage  *
# Post Office Box 73, Vista CA 92085-0073 # noted your -->>               *  paid at  *
# Dues $12/yr ($1/mo to July 31st)        # __interest in amateur radio   * V I S T A *
# - - - - - - - - - - - - - - - - - - - - # __new/changed license status   * CA. 92085 *
# POSTMASTER:   Send changes to -> SCOPE, # __request for information    * * * * * * *
# P. O. Box 73,  Vista, CA. 92085-0073    # __using 146.730 W6NWG/R
#-#-#-#-#-#-#-#-#-#-#-#-#-#-#-#-#-#-#-#-#-# __using 147.130 KA6UAI/R
                                          __using 449.425 W6NWG/R
```


NOPE ON BEING WITHOUT YOUR SCOPE

SCOPE CLEANER THAN SOAP

DUE U NO IF UR DUES R DUE?

THERE'S NO HOPE WITHOUT THE SCOPE

INSIDE:

PICNIC!

```
                                   Membership   License
          !<Palomar Mt>!            Expires     Expiration
        +xxx-VSTA-MMSA-LMSA-Falb-PRCyymm---LXyyrr-xx+
Ph.Codes-->
  DELIVER X
    TO --->
         X
         X
         X
         +-----------------------------------------+
```

YOU'LL MOPE WITHOUT YOUR SCOPE

Radio Fun

THERE'S NO HOPE WITHOUT THE SCOPE

NEXT MEETING (Carlsbad-SC) WEDNESDAY AUG 5th '92